

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. P23687		Application No. 10/646,871		
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)							Applicant Hiroshi NOMURA				
									Filing Date August 25, 2003		Group 2851		
U.S. PATENT DOCUMENTS													
EXAMINER PATENT TRADEMARK OFFICE	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4	9	3	7	6	0	9						
	4	9	7	4	9	4	9	06/26/90	WAKABAYASI et al.	—	—		
	4	9	7	4	9	4	9	12/04/90	TANAKA	—	—		
	5	0	9	9	2	6	3	03/24/92	MATSUMOTO et al.	—	—		
	5	2	1	0	6	4	4	05/11/93	NOMURA	—	—		
	5	3	7	6	9	8	3	12/27/94	YAMAZAKI et al.	—	—		
	5	6	3	6	0	6	2	06/03/97	OKUYAMA et al.	—	—		
	5	8	7	0	2	3	2	02/09/99	TSUJI et al.	—	—		
	5	9	1	2	7	7	2	06/15/99	AOKI	—	—		
	5	9	2	6	3	2	2	07/20/99	IWASAKI	—	—		
	6	4	9	0	0	9	9	12/03/02	SASAKI	—	—		
	6	6	1	1	6	6	3	08/26/03	NAKAGAWA	—	—		
	6	7	1	1	3	4	9	03/23/04	DIRISIO	—	—		
	6	7	5	7	4	8	9	06/29/04	NOMURA et al.	—	—		
2001/	0	0	1	7	7	3	8	08/30/01	NOMURA et al.	—	—		
2002/	0	1	8	1	9	5	3	12/05/02	ICHINOKAWA	—	—		
2003/	0	0	0	7	7	9	6	01/09/03	NOMURA et al.	—	—		
	6	6	6	5	1	2	9	12/16/03	NOMURA et al.	—	—		
	5	5	4	8	4	4	6	08/20/96	ENOMOTO	—	—		
FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	2003	-	1	4	9	7	2					3	
	2003	-	1	4	9	7	2	3	05/21/03	JAPAN	—	X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
	1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.											
EXAMINER	<i>Gray</i>						DATE CONSIDERED <i>04-12-2005</i>						
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

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